



scientific device
laboratory

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VOLUME 11A

From Microbiology to Slide Printing...
We do it all.



We stock innovative products in a wide range of disciplines and support you with custom product development.

Same Innovative Products.
Same Innovative People.

New Look!

We've updated our look to better reflect our inventive products and quality services.



The washing machine served as the packaging department and the warehouse was a typical suburban garage. It was 1980 and Dr. Stewart Lipton fused his entrepreneurial spirit, his clinical experience as Lab Director at a major Chicago Hospital and his wife Roberta's business acumen. "If we can't find a way, we will make one." This simple, tenacious problem solving mission has remained the guiding principle behind the business since its modest beginnings.

Today, our almost one thousand current customers commonly refer to us as 'those gadget people.' We are immensely proud of our reputation for being one of the most flexible, innovative and customer responsive small companies in the industry. While our family of talented employees remains committed to the needs of laboratory technicians, Scientific Device Laboratory is rapidly expanding its development of OEM products for larger corporations and working with research institutions to bring novel new materials and products to market. It is the unique combination of expertise in the fields of manufacturing, microbiology and the vastly technical field of printing and coating microscope slides that gives our customers the ability to tap into our expertise and creatively 'find a way' to solve any difficult manufacturing and laboratory issues.

As we update our look in this new catalog, we are looking to the future. Make sure you visit our new website this summer which will feature an interactive custom slide design module. Browse through the story below of how we developed the innovative products that can advance your laboratory or business.



CUSTOM PRODUCT DEVELOPMENT
 Scientific Device Laboratory is continually developing innovative OEM products for other companies. If you would like to discuss product development of a specialized microscope slide, stain, or any other product, please contact us at info@scientificdevice.com

ThermoTote Portable Incubators
 Variable temperature incubators that plug into your car's cigarette lighter

ThermoTotes are inexpensive, reliable incubators and transports that will operate on 12 volts either in your laboratory or in your automobile by plugging into the cigarette lighter. They take only a few minutes to come up to temperature. They also double as extra incubators for special temperature studies. The 120V AC/DC Converter (Cat. No.7155) allows ThermoTotes to easily plug into a standard power outlet.

Call to inquire about customized ThermoTotes. When power is not available, use Battery ThermoTote (Cat No. 7148-12). Can be recharged from 120V source. Trickle mode allows the battery, once charged, to deliver the maximum power necessary. Included is battery pack and charger. Call to inquire about custom configurations or batteries for other ThermoTote sizes.

	THERMOTOTE 12	THERMOTOTE 24	THERMOTOTE DELUXE
TEMP RANGE	25°C to 50°C HEAT only	25°C to 50°C HEAT only	2°C to 60° HEAT & COOL
POWER	12 volts	12 volts	12 volts
INTERNAL DIMENSIONS	7.75" x 10.75" x 7"	7.75" x 10.75" x 1 3.25"	15" x 10" X 12.5"
EXTERNAL DIMENSIONS	13" x 9.5" x 8.75"	13" x 9.5" x 15"	23.75" x 15.75" x 18.5"
WEIGHT	4 pounds	4.75 pounds	16 pounds
INCLUDES	cigarette lighter power adapter plug	cigarette lighter power adapter plug	cigarette lighter power adapter plug

THERMOTOTES

7145	ThermoTote12 Adjustable with Display
7146	ThermoTote24 Adjustable with Display
7148-12	ThermoTote12 adjustable with display and Battery
7151	Deluxe ThermoTote Incubator

THERMOTOTE ACCESSORIES

7155 USA	AC/DC Converter 120V for stnd U.S. plugs
7155 INTL	220v/240v converter international
7162	Cigarette Lighter Adapter for small & med ThermoTotes
7160	Cigarette Lighter Adapter for large ThermoTote
7157-12	ThermoTote12 Petri Dish Rack (4 RACKS) 4 racks/pkg
7157-24	ThermoTote24 Petri Dish Rack (4 RACKS) 4 racks/pkg
7152-01	multiple female plug
7156	Battery Guard for ThermoTote
7158	Shelves for ThermoTote 2 shelves/pkg
7159	Plastic Test Tube Racks 4 racks/pkg



See more Bench Aid products on pages 20-21

HISTORY

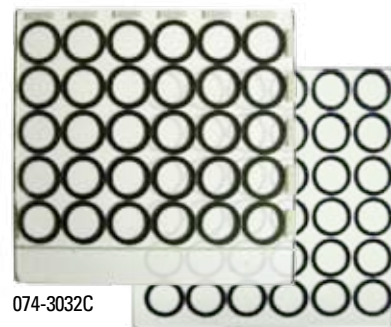
1980	1981	1984	1985	1986	1990	1992	1994	1995	1996
Business incorporated. The original product line consisted of 18 catalog numbers including a variety of Control Material and Slide Dryers (p 20)	Acid Fast and Gram Stain Control Slides (p 8) introduced because of CDC restrictions on releasing control material	The company's third Control Slide is introduced, the Protozoa Control Slide (p 9)	Scientific Device Laboratory's most popular products Shrink Seals (p 12) and Sterilized Instrument Packs (p 6) debut	As supplies from governmental institutions continue to dwindle, Scientific Device Laboratory debuts a large variety of Parasitology Teaching Materials (p 18)	The company makes a major investment in machinery and begins to market Custom Printed and Coated Slides (pp 4-5), offering its customers small minimums and affordable pricing	First large OEM contract for SDL designed product	NotoxHisto Fixative (p 17) and Parasafe Formalin Free Fixative (p 14) begin a new line of Environmentally Friendly Products	Company moves from various rented spaces to new 23,500 sq. ft. Des Plaines, Illinois home	Addition of high volume option of the very popular Snap n' Digest (p 12) for sputum digestion. StainQuick for Trichrome (p 22) is clinically tested and found to reduce Trichrome staining to just 2 minutes
Various Histology (p 17) Products are acquired from Cel-Tek, Inc. Release of revolutionary Stain AcriFluor (p 23) which stains a large variety of acid fast organisms in tissue and smears	Multiple Thermotote Portable Incubators (p 3) are adopted by a large hospital chain for moving samples from remote labs to central processing	Line of ID discs (p 21) added to catalog	Dr. Lipton's grand children debut on the catalog with the "Next Generation" of microbiology products	Paper published on new product Rapid Trehalose Test (p 10)	Standard and custom agglutination plates and custom sized glass plates (pp 4-5) added to product offerings	Ground-breaking paper delivered at ASM on Scientific Device Laboratory's 2 minute acid fast stain Modified Auramine O (p 13)	First OEM product released utilizing Microfluidics	Addition of several major OEM clients for private labeling of SDL concepts	Journal of Clinical Microbiology article appears with glowing results of Johns' Hopkins study of Modified Auramine O (p 13)

Agglutination Plates

Replacements for these hard-to-find items

These hard-to-find agglutination plates are ideal for febrile agglutination as well as other types of immunological reactions. Measures 6.25" x 6.25" on 3.3mm thick glass. Available with 30 wells, 32mm each in clear (Cat. No. 074-3032C) or easy to read black glass (Cat. No. 074-3032B). Both clear (Cat. No. 074-3623C) and black (Cat. No. 074-3623B) are also available with 23mm wells. The 96 well plate (Cat. No. 074-9605), 4.75" x 3.25", 1.1mm thick, fits standard microtiter plates. Inquire for custom designs and pricing. Custom orders cannot be returned.

AGGLUTINATION PLATES		
074-3023C	30 Well Clear	6 plates
074-3023B	30 Well Black	6 plates
074-3623C	36 Well Clear	6 plates
074-3623B	36 Well Black	6 plates
074-9605	96 Well Microtiter	6 plates
074-035384A	384 Well Black Plate	20 plates
074-035384B	384 Well Clear Plate	20 plates



074-3032C

074-3623C

2"x 3" Agglutination Slides

2"x3" printed glass slides are ideal for latex and other agglutination techniques. Each type of slide has sufficient space within the well to clearly see reactions. Ink is made of a Super Hydrophobic epoxy. Sold by the gross. Also available in thicker glass, alternate glass color or any other customized design - inquire for pricing.

2" X 3" AGGLUTINATION PLATES		
Minimum order of 1 gross		
074-1	Agglutination Slide-Square Well	priced per gross
074-2	Agglutination Slide-Round Well	priced per gross
074-1214	Agglutination Slide-12 Well	priced per gross



074-2

074-1

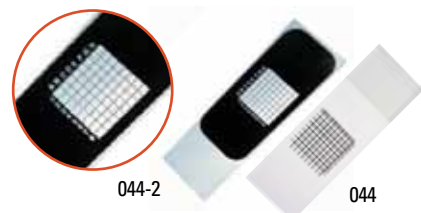
074-1214

Grid Slides

Easy to find specimens

This ingenious slide has a microscopic grid on the reverse side of a frosted end slide. Choose Cat. No. 044 for a black grid on the reverse side of the slide or Cat. No. 044-2 with a white grid on the reverse side and a frontal black mask for containing aqueous material. Ink is resistant to stains and common laboratory solvents. Each square grid fills one low powered field (approximately 100x magnification.)

GRID SLIDES		
Minimum order of 5 gross		
044	Grid Slides	priced per gross (1 color, no mask)
044-2	Grid Slides	priced per gross (2 color, black mask)



044-2

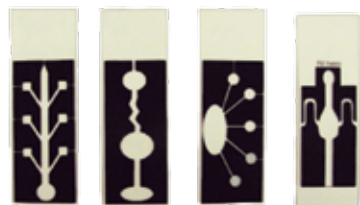
044

Microfluidic Slides and Arrays

Designing the new frontier of microbiology

We can use our knowledge of printing and glass to assist you in creating your own system. Scientific Device Laboratory can design a specialized microfluidic system or unique array. In the past we have incorporated reagents within the wells. Also we have the ability to print on coverslips as well as use coverslips to reduce evaporation of specialized chemicals. Available in any size, any color, any configuration. Please call us or contact us at info@scientificdevice.com to discuss your needs.

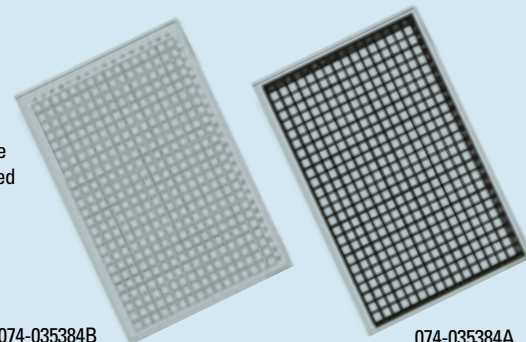
Available in any size, color or configuration. Call or email info@scientificdevice.com to discuss your needs.



Custom design a slide to fit your needs—order as little as 5 gross (720 slides)!

Custom Printed Microscope Slides and Plates

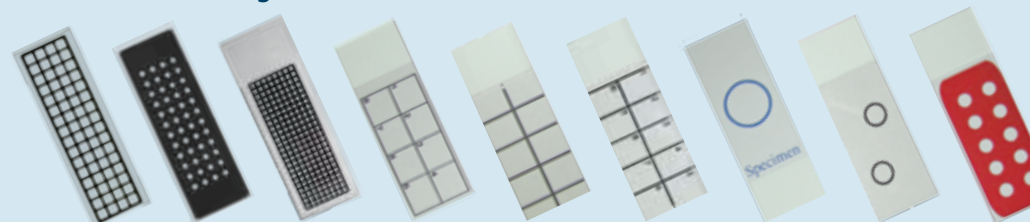
Design your own slide or use one of our standard patterns. For a listing of standard slides, visit us at scientificdevice.com and click on the "Printed Slides" section or just call us to begin to design your own slide. FREE artwork in most cases and no screen charges. These specially cured Hydrophobic or Super Hydrophobic ceramic inks resist harsh laboratory chemicals. These microscope slides are of the highest quality. Slides available with plain or frosted ends, with ground glass edges and 90° corners. Slides using epoxy inks can be used for standard fluorescent antibody techniques. Choose from either Hydrophobic or Super Hydrophobic inks in red, green, blue, black or white. Super Hydrophobic inks are ideal for growing cells on the slide. Hydrophobic inks are also available in matte finish. Sold by the gross (144 slides). Please allow lead time. Custom orders cannot be returned. The Cat. No. 074 series are east-to-use Microtiter plates. They come packaged per gross with no minimum. Inquire for configurations and pricing.



074-035384B

074-035384A

Visit scientificdevice.com to see a plethora of layouts or design your own slide. Printed slides with coatings are also available.



035-0464

041-4801

041-19201

030-1

030-2

030-3

041-0115S

058-2

041-1007

Printed TB Slides

Ideal for making smears

These popular slides are ideal for making smears where mycobacterial disease is suspected. The large 20mm well accommodates a large amount of material. These black epoxy slides can be used for either traditional acid fast or for fluorescent staining.

Cyto-Spin Slides

Specimens in the exact position that you need them

These preprinted slides are designed to make locating the centrifuged smears easier. Available for various cyto-centrifuge systems. The ink is a black permanent hydrophobic epoxy that is resistant to most laboratory solvents. Inquire about adhesive coating.

See Control Slides on pages 8-9

Sterile Slides

Conveniently individually packaged

These Sterile Slides measure 1"x 3" with frosted-ends that have been individually packaged and autoclaved. There are 50 envelopes per case. These slides are also available in white or yellow end.

Adhesive Slides

Avoid losing valuable tissue sections

Poly-l-lysine or Silane coated slides are ideal for use when sample adhesion is vital. Each production run is put through extensive quality control. These adhesives have been shown to be effective but will not interfere with staining.

Hybridization Slides can be used in immunoperoxidase and other hybridization techniques.

PRINTED TB SLIDES

Minimum order of 5 gross	
041-0120	Printed TB Slides priced per gross

CYTO-SPIN SLIDES

Minimum order of 5 gross	
056-1	Cyto-Spin Slides Wescor (13mm well) per gross
057-1	Cyto-Spin Slides Shandon 1 well (8mm well) per gross
058-1	Cyto-Spin Slides Shandon 2 well (8mm wells) per gross
060-1	Cyto-Spin Slides Stat-Spin™ (17x25mm rectangular well) per gross
061-1	Cyto-Spin Slides Sakura® per gross
062-1	Cyto-Spin Slides Stat-Spin™ Cytofuge 2 per gross
065-1	Cyto-Spin Printed Slide - Hittich Centrifuge uncoated per gross

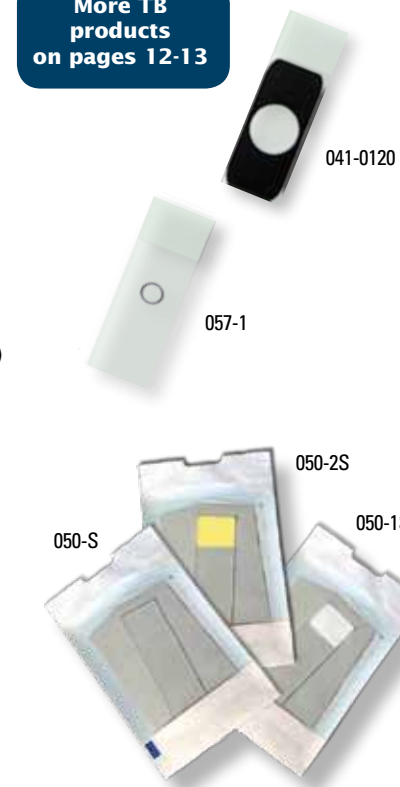
STERILE SLIDES

050-S	Sterile Slides 50 slides/pkg
050-1S	Sterile Slides-White End 50 slides/pkg
050-2S	Sterile Slides-Yellow End 50 slides/pkg

ADHESIVE SLIDES

Minimum order of 5 gross	
067	Poly-l-lysine Slides priced per gross
068	Silane Slides priced per gross
063	Hybridization Slides priced per gross

More TB products on pages 12-13



Coated slides assure adhesion and won't interfere with staining

PRINTED MICROSCOPE SLIDES

Minimum order of 5 gross	
041	Hydrophobic Ink Custom Printed Slides 5-19 gross 20+ gross
041-T	Super Hydrophobic Ink Custom Printed Slides per gross
074	Custom Printed Slides and Microtiter Plates SPECIAL SIZES INQUIRE

Disposable Forceps
Exceptionally affordable

Sterile four inch forceps (Cat. No. 904) are exceptionally economical and are available in individually wrapped sterile packets. Inquire about non-sterilized forceps.

DISPOSABLE FORCEPS		
904	Sterile Forceps	25 forceps/pkg
904-100	Sterile Forceps	100 forceps/pkg



Fine Tipped Forceps
Exceptionally affordable

Disposable fine-tipped forceps (Cat. No. 9004) facilitate work with smaller specimens. They are made of stainless steel and coated with an autoclavable plastic. Length is 5.25". Packaged in units of twelve. Also available sterile.

FINE TIPPED FORCEPS		
9004	Fine Tipped Forceps	12 forceps/pkg
9004-50	Fine Tipped Forceps	50 forceps/pkg
9004-100	Fine Tipped Forceps	100 forceps/pkg
9004-S	Sterile Fine-Tipped Forceps	100 forceps/pkg



Sterilized Instrument Sets
Pre-packaged and ready-to-use

These instruments are ideally suited for the busy laboratory where sterile instruments are needed at a moments notice. Avoid costly washing and exposure to infectious diseases by simply disposing of them after use. Each Sterile Instrument Pack (Cat. No. 903) contains one sturdy stainless steel four-inch forceps, one rigid plastic scalpel holder with a #11 blade and one stainless steel pointed scissor. Each package contains 12 individual sterile packs. Scissors and forceps can be re-sterilized by autoclaving.

STERILIZED INSTRUMENT SETS		
903	Sterile Instrument Packs 12 sets/pkg each pack includes 1 chrome 4" forceps, #11 blade scapel, 1 pointed scissors	
9002	Pointed Scissors 4 1/2"	6 scissors/pkg
9003	Sterile Scalpel #11 blade	100 scalpels/pkg



Sterile Tissue Grinders
Sterile grinders great for small jobs

These Sterile Disposable Tissue Grinders are ideal for needle biopsy specimens or small amounts of tissue meant for microbiological analysis. The grinder is made of high-quality borosilicate glass without any frustrating sand particles. Each grinder is individually packaged in a sterile, easy-to-open pouch.

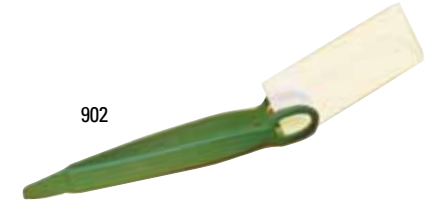
STERILE TISSUE GRINDERS			
825-08	Tissue Grinder 8mm sterile	set of 12	12 grinders/pkg
825-13	Tissue Grinder 13mm sterile	set of 12	12 grinders/pkg
825-17	Tissue Grinder 17mm sterile	set of 12	12 grinders/pkg
825-MIX	Tissue Grinder 4 each of 3 sizes sterile	4 each of 3 sizes/pkg: 8mm, 13mm, 17mm	



Slide Forceps
Extra-wide grips allow for greater stability

The extra wide tip and tenacious ridges of these handy forceps holds microscope slides securely while protecting your hands from getting stained. Autoclavable and made of durable plastic, the forceps last as long as comparable metal forceps at a fraction of the cost.

SLIDE FORCEPS		
902	Slide Forceps	10 forceps/pkg
902-100	Slide Forceps	100 forceps/pkg
902-50	Slide Forceps	50 forceps/pkg
902-S	Sterilized Slide Forceps	100 forceps/pkg



Sterile Instrument Pack with Cutting Board
Pre-packaged and ready-to-use

These instruments are ideally suited for the busy laboratory where sterile instruments are needed at a moments notice. Avoid washing and exposure to infectious diseases by simply disposing of them after use. Each Sterile Instrument Pack (Cat. No. 906) contains one sterile disposable dissection boards, one sturdy stainless steel 4" forcep, one rigid plastic scalpel holder with a #11 blade and one stainless steel pointed scissor. Each order contains 12 individual sterile packs. Scissors and forceps can be re-sterilized by autoclaving.

STERILE INSTRUMENT PACK WITH CUTTING BOARD		
906	Sterile Instruments with Cutting Board	10 sets/pkg
6016	Disposable Cutting Boards	24 boards/pkg



Special needs? Design your own instrument kit. Call or email info@scientificdevice.com for pricing.

Sterile Scalpels
Economical & ready-to-use

Sterile Scalpels with #11 blade (Cat. No. 9003) are exceptionally economical and are available in individually wrapped sterile packets. Scalpels boxed 100 per package.

STERILE SCALPELS		
9003	Sterile Scalpel #11 Blade	100 scalpels/pkg



Mini Grip-It
No more fumbling to grab small items

This new and improved design for Mini Grip-It makes quick work of placing coverslips and other small items. This device's suction cup picks up hard-to-handle items such as E-test strips and coverglasses. Tips can be easily chemically sanitized. Comes with an additional replacement suction cup. Sold individually.

MINI GRIP-IT			
746	Mini Grip-It mini-or regular	each	
746-03	Mini Grip-It Rack (holds 3)	each	
746-73	Mini Grip-It + Rack	1 of each/pkg	
746-999	Mini Grip-It suction cups - small	3 units/pkg	



Autoclave Bags
Bags seal neatly & quickly and are easy to verify

Pre-folded, self-seal pouches are ideal to sterilize forceps or other instruments used around the workplace. No autoclave tape or spore strips are necessary with these bags, an indicator is located right on the bag itself. They seal neatly and quickly. Various sizes are available. Quantity 100 per box.

AUTOCLAVE BAGS		
3025	Autoclave Pouch 3 1/2" x 5 1/4"	100 pouches/pkg
3026	Autoclave Pouch 3 1/2" x 9"	100 pouches/pkg
3028	Autoclave Pouch 5 1/4" x 10 1/4"	100 pouches/pkg
3029	Autoclave Pouch 7 1/2" x 13 1/2"	100 pouches/pkg
3030	Autoclave Pouch 12" x 15 1/2"	100 pouches/pkg



Acid Fast Control Slides

Convenient control slides

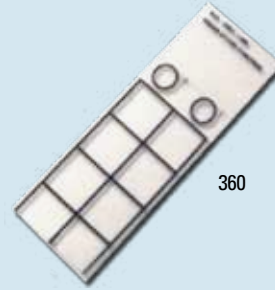
These unique Acid Fast Control Slides simulate a clinical sputum smear with appropriate background material. The pricing on Scientific Device Laboratory's slides is significantly lower than other control slides on the market. Slides have two wells containing a positive and negative smear. Can be used with Kinyoun (Cat. No. 353, p 22) or Scientific Device Laboratory's Modified Auramine O (Cat. No. 345, p 13) AcriFluor (Cat. No. 384, p 23) or other fluorescent techniques.

ACID FAST CONTROL SLIDES

350	Acid Fast Stain Control Slides 10 slides/pkg
351	Acid Fast Stain Control Slides 50 slides/pkg
358	Acid Fast Tissue Control Slides 10 slides/pkg
345-01L	Modified Auramine O (stain & decolorizer/quencher) 1 liter each/pkg - see page 13
345-04L	Modified Auramine O (stain & decolorizer/quencher) 4x1 liter each/pkg - see page 13



350



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Gram Stain Control Slides

Clinical smears can be placed on the same slide with the control organism

Our Gram Stain Control Slides are especially designed so that clinical smears can be placed on the same slide with the control organism (*Staph. aureus* and *E.coli*). The pricing on Scientific Device Laboratory's slides is significantly lower than other control slides on the market. Space is provided for writing data. Packaged in quantities of 10 or 50 slides.

GRAM STAIN CONTROL SLIDES

360	Gram Stain Control Slides 10 slides/pkg
361	Gram Stain Control Slides 50 slides/pkg

Pneumocystis Control Slides

Convenient control slide

These *Pneumocystis* Control Slides contain many organisms in a homogenate of lung tissue similar to material received in the microbiology laboratory. Packaged in quantities of 10 slides. These slides should NOT be used with current monoclonal antibody fluorescent assays.

PNEUMOCYSTIS CONTROL SLIDES

356	Pneumocystis Stained Control Slides 10 slides/pkg
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356

Giemsa Wright Control Slides

Excellent control slides

These slides make an excellent control when staining smears for *Plasmodium* spp. They contain red blood cells infected with *Babesia* spp. Packaged in boxes of 10 slides.

GIEMSA WRIGHT CONTROL SLIDES

430	Giemsa/Wright Control Slide Unstained 10 slides/pkg
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430

Iron Control Slides

Convenient control slides

These Iron Control Slides make an excellent addition to your laboratory. Packed ten (10) control slides per box. Use Scientific Device Laboratory's Snap n' Stain for Iron Staining Kit (p 17) alongside to save time and money mixing reagents.

IRON CONTROL SLIDES

431	Iron Stain Control Slides 10 slides/pkg
433	Iron Stain Control Slides 50 slides/pkg

See more
Histology products
on page 17 and also visit
scientificdevice.com

Isospora Control Slides

Representative of what is seen in immuno-compromised patient samples

Each slide has numerous organisms for easy recognition. Staining instructions included. For staining products refer to Scientific Device Laboratory's AcriFluor (p 23) or Crypto Kinyoun Stain Set (p 22).

ISOSPORA CONTROL SLIDES & STAINS

378	<i>Isospora belli</i> Control Slides 10 slides/pkg
384	Acri-Fluor Stain Kit-Stain & Decolorizer/ Quencher 125ml bottle x 2 /pkg
373	Cryptosporidium Kinyoun Stain Set 60ml bottle x 1 each of 3/pkg
379	Crypto Kinyoun Large Stain Set 250ml bottle x 3/pkg



378

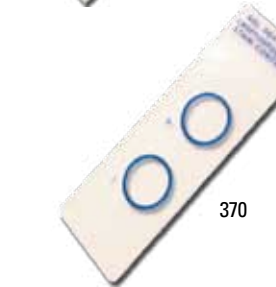
Cryptosporidium Stain Control

Slides many typical organisms on each slide

These versatile slides can be used for staining both *Cryptosporidium* and *Nocardia*. The slides have many typical organisms on each slide. Each package contains 10 slides, each having a positive and negative well. For staining these slides Scientific Device Laboratory's product AcriFluor (p 23) or Crypto Kinyoun Standard Stain Sets (p 22) perform well.

CRYPTOSPORIDIUM STAIN CONTROL SLIDES & STAINS

370	Cryptosporidium Control Slide 10 slides/pkg
384	Acri-Fluor Stain Kit-Stain & Decolorizer/ Quencher 125ml bottle x 2 /pkg
373	Cryptosporidium Kinyoun Stain Set 60ml bottle x 1 each of 3/pkg
379	Crypto Kinyoun Large Stain Set 250ml bottle x 3/pkg



370

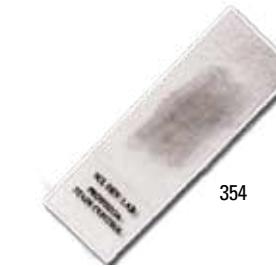
Protozoa Stain Control Slides

Excellent controls available in various fixation methods

These Protozoa Control Slides contain smears of a mixture of a number of the more commonly seen clinical protozoa in PVA. They are ideal for the control of Trichrome or Hematoxylin staining procedures. Available fixed with Parasafe (p 14), SAF (p 16), Copper, or Zinc PVA. Also available is affordable Trichrome Stain (p 22) packaged in 250ml bottles.

PROTOZOA STAIN CONTROL SLIDES & STAINS

354	Protozoa Stain Control Slides 10 slides/pkg
355	Protozoa Stain Control Slides 50 slides/pkg
354-CU	Protozoa Stain Control Slides with Copper 10 slides/pkg
354-PA	Protozoa Stain Control Slides with Parasafe 10 slides/pkg
354-SAF	Protozoa Stain Control Slides with SAF 10 slides/pkg
354-ZN	Protozoa Stain Control Slides with Zinc 10 slides/pkg
782	Trichrome Stain 250ml bottle/pkg
783	Trichrome Stain 250ml bottle x 6/pkg



354

Printed & Coated Slides on
pages 4 and 5 or at
scientificdevice.com

Microsporidium & Microsporidium

Family Stain Control Slides

The whole family of Microsporidia organisms

These fixed and ready to use control slides contain many representative organisms. A negative smear is also included on each slide. The Microsporidium Family Stain Control Slides bring the morphologic differences of the whole family to your laboratory on one slide with a labeled sample of *Encephalitozoon hellum*, *Enterocytozoon bieneusi*, *Nosema corneum* & *Septata intestinalis*. In the package of 10, one slide is stained with Modified Trichrome Stain and the balance of unstained slides can be used as controls. Also available is affordable Modified Trichrome Stain and Scientific Device Laboratory's StainQuick, a 1 minute Microsporidium staining system (see p 22 for more info)

MICROSPORIDIUM & MICROSPORIDIUM CONTROL SLIDES & STAINS

369	Microsporidia Control Slides 10 slides/pkg
367	Microsporidium Family Control Slides 10 slides/pkg
7842	Modified Trichrome Decolorizer/ Counterstain for Microsporidia 250ml bottle/pkg
7843	Modified Trichrome Stain Kit for Microsporidia 250ml bottle/pkg
1951 INTL	StainQuick Stain System Microsporidia with International Plug



369

Trehalose (RAT) Test

Rapid Assimilation Trehalose identifying *C. glabrata*

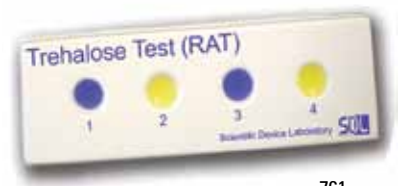
Studies¹ show that Scientific Device Laboratory's Rapid Assimilation Trehalose (RAT) assay can rapidly and affordably distinguish *Candida glabrata* from other yeasts. Modeled after Mayo Clinic's procedure, this new rapid assay system allows for easy identification of *C. glabrata*. Each slide contains four wells of substrate. You can use them all at the same time or each well individually. Simply add one drop of water and mix in organism. Read color reaction within two (2) hours. Each package contains enough for 40 assays.

¹ T. Scognamiglio, L.P. Kiss, D.H. Larone, ASM poster C-105:164, 2004.

TREHALOSE (RAT) TEST

761 Trehalose Slides
10 slides/pkg

The Scientific Device Laboratory assay closely mimics the previously reported results of the NCCLS (M35-P) proposed method and has a more rapid reaction time. Please visit scientificdevice.com for more information.



761

Scientific Device Laboratory is always looking for new fungi. If you have access to any specimens, you can trade them for product or cash. Contact us at info@scientificdevice.com

Mycology Teaching Slides

Beautiful, quality images

Make your own sets of mycology teaching slides with these high-quality glass microscope slides. All fungi are stained and mounted with Scientific Device Laboratory's MycoPerm BLUE (p 11). Pick and choose multiples of the same slide or one of each of 10 different slides, with a minimum order of any 10 slides.

MYCOLOGY TEACHING SLIDES

(Mix and match slides, minimum ten (10) per package, priced each slide)

675-01	<i>Acremonium</i> spp.
673-01	<i>Alternaria</i>
675-06	<i>Aspergillus flavus</i>
675-07	<i>Aspergillus fumigatus</i>
675-09	<i>Aspergillus niger</i>
673-02	<i>Bipolaris</i>
671-01	<i>Blastoschizomyces capitatus</i>
671-02	<i>Candida albicans</i>
673-03	<i>Chaetomium</i>
675-16	<i>Chyrsosporium</i>
673-04	<i>Cladosporium</i>
671-03	<i>Cryptococcus neoformans</i>
672-10	<i>Cunninghamella bertholletiae</i>
673-05	<i>Curvularia</i>
673-07	<i>Epicoccum</i> spp.
674-01	<i>Epidermophyton floccosum</i>

675-18	<i>Fusarium</i>
671-04	<i>Geotrichum candidum</i>
671-05	<i>Hansenula</i>
674-07	<i>M. gypseum</i>
674-02	<i>Microsporium audouinii</i>
674-03	<i>Microsporium canis var. distortum</i>
672-04	<i>Mucor</i> spp.
674-08	<i>M. vanbreuseghemii</i>
673-10	<i>Nigrospora</i>
670-03	<i>Nocardia</i>
675-19	<i>Paecilomyces</i>
675-20	<i>Penicillium</i>
673-12	<i>Philalophora verrucosa</i>
673-21	<i>Pithomyces</i> sp.
672-07	<i>Rhizomucor</i>
672-06	<i>Rhizopus</i>

673-15	<i>Scedosporium apiospermum</i>
673-16	<i>Scedosporium prolificans</i>
675-32	<i>Scopulariopsis</i>
675-33	<i>Sepedonium</i> spp.
671-07	<i>Sporothrix schenckii</i>
673-20	<i>Stockybotrys</i>
672-09	<i>Syncephalastrum</i>
674-09	<i>T. ajelloi</i>
674-11	<i>T. equinum</i>
674-13	<i>T. mentagrophytes</i>
674-14	<i>T. rubrum</i>
674-17	<i>T. tonsurans</i>
673-18	<i>Ulocladium</i>
673-19	<i>Wangiella dermatitidis</i>

Mycology Images CD-Rom and other teaching CD-Roms available at scientificdevice.com

INDIA INK CAPSULE CONTROL

754	India Ink 3.5ml bottle x 6/pkg
755	India Ink Capsule Positive Control (1ml vial) with 6x 3.5ml India Ink
756-1	India Ink Negative Control 1ml vial/pkg
756	India Ink Capsule Positive Control 1ml vial/pkg



754

India Ink Capsule Control

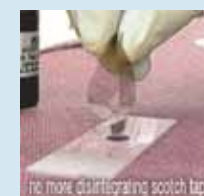
A great control

Now have a standardized permanent, preserved fixed control for use with India Ink. This suspension of *Cryptococcus* spp. is grown to visualize capsule production. Each vial contains 1ml of fluid containing many organisms. India Ink Negative Control is a 1ml suspension of *Candida albicans*.

Fungi-Tape

No more disintegrating or bubbling tape

Fungi-Tape is an efficient way of performing slide mounts of fungi from primary cultures. The adhesive tape is pliable enough for you to make a tape loop and then sample your culture. This product is fully compatible with MycoPerm to create a long lasting coverslip. Each roll contains approximately 360 coverslips.



745

FUNGI-TAPE

745 Fungi-Tape
1 roll/pkg

MycoPerm

Permanent mycology mounting & staining medium

Studies¹ show that laboratories can keep better records by retaining mycology preparations indefinitely. MycoPerm makes using messy nail polish obsolete. Tease mount preparations can be made and stored for long periods of time. The novel MycoPerm stain contains plasticizers which help in making a durable long-life preparation.

¹ Perry et al., ASM poster 125:70, 1996.



753

752

MYCOPERM

745-1	Mycology Mounting Kit-BLUE 1 Fungitape + 12ml MycopermBLUE/pkg
745-9	Mycology Mounting Kit-RED 1 Fungitape + 12ml MycopermRED/pkg
750	Mycology Starter Kit-BLUE 12ml MycoPermBLUE, 6 x 3.5ml dropping bottles of 10%KOH + one rack, 3.5ml bottle Bright-Fluor/pkg
750-9	Mycology Starter Kit-RED 12ml MycoPermRED, 6 x 3.5ml dropping bottles of 10%KOH + one rack, 3.5ml bottle Bright-Fluor/pkg
752	MycoPerm-RED 12ml bottle/pkg
753	MycoPerm-BLUE 12ml bottle/pkg

KOH-Methylene Blue Fungal Control Suspension

Great quality control

Now you can quality control the Methylene blue-Potassium hydroxide (KOH) Prep. This 1ml suspension is filled with inactivated mycelia and spores from an *Aspergillus* spp. along with other cellular debris. Makes an ideal control for a skin scraping.



6025

KOH-METHYLENE BLUE FUNGAL CONSTROL SUSPENSION

751	10% KOH 3.5ml bottle x 6/pkg
772	Methylene Blue 3.5ml bottle x 6/pkg
6025	KOH Fungal Control 1cc vial/pkg

Shrink Seals

Safe & secure sealing of petri dishes

Shrink Seals are colorless transparent cellulose bands for sealing Petri dishes and test tubes. They make an invaluable addition to any microbiology laboratory. This product is fantastic when preparing in-house plates that are not used quickly. Ideal when dealing with fungus cultures that require prolonged incubation and for sensitivity plates for TB. Easy to apply. The size of the standard band is 92mm x 25mm. Available in containers of 400 seals. Stacking Blocks allow for multiple plates to dry when you have limited bench space.



259



261

SHRINK SEALS

261	Shrink Seals (92X25mm) 400 seals/pkg
259	Stacking Blocks 18 blocks/pkg
265	Shrink Seals (special size) INQUIRE

Snap n' Digest

Pre-measured, ready-to-use sputum digestion system

This inexpensive digestion fluid for processing mycobacterial specimens is easy to use and avoids time spent weighing reagents. Each bottle contains 75ml or 150ml of an alkali solution with a sealed glass ampoule of preweighed N-acetyl-L-cysteine (NALC). When needed, the glass ampoule breaks easily and the contents rapidly dissolve in the fluid. The unbroken capsule is stable for two years without refrigeration. Each bottle has a specially designed safety tube to help you easily trap and break the NALC capsule. With no weighing of components and no wasted chemicals, this self-contained system will save you time and money. Each package contains 10 non-breakable bottles and 5 packets of dry TB buffer powder for completing the neutralization of the digestion process. Additional buffer packets are available (Cat. No. 6671). For those laboratories with higher volume, the larger 150ml fill size will save you both time and money.

SNAP N' DIGEST

667	Snap n' Digest 75ml 10 bottles/pkg	
668	Snap n' Digest 150ml 10 bottles/pkg	
6671	Phosphate Buffer Packets 5 packets/pkg	4.2g



Sterilized TB Buffer

Ready-to-use and economical

Pre-Sterilized Buffer consists of economical bottles containing ready-to-use TB buffer for washing sputum after digestion and decontamination. The pH6.8 buffer has a one year expiration date. Available in 100ml or 500ml bottles. Also available in non-sterilized powdered form.

STERILIZED TB BUFFER

669-100	Sterile Phosphate Buffer 10 bottles/pkg	
669-500	Sterile Phosphate Buffer 500ml bottle/pkg	
6671	Phosphate Buffer Packets 5 packets/pkg	4.2g



Shrink Seals

Safe & secure sealing of petri dishes

Shrink Seals are colorless transparent cellulose bands for sealing Petri dishes. They make an invaluable addition to any microbiology laboratory. This product is fantastic when preparing in-house plates that are not used quickly. Ideal when dealing with fungus cultures that require prolonged incubation and for sensitivity plates for TB. Easy to apply. The size of the standard band is 92mm x 25mm. Available in containers of 400 seals.

SHRINK SEALS

261	Shrink Seals (92X25mm) 400 seals/pkg	
259	Stacking Blocks 18 blocks/pkg	
265	Shrink Seals (special size)	INQUIRE



Modified Auramine O

2 minute fluorescent acid fast stain that saves time and money

This rapid and economical two step staining technique for acid fast organisms saves time and money and takes only 2 minutes. Easier to perform than traditional methods since the permanganate step is omitted. A new counterstain quenches fluorescence of all non-acid fast organisms and debris. Gives a cleaner field of view. It is just as sensitive as other Auramine Stains. The set comes in two 250ml bottles or economical liter size.

MODIFIED AURAMINE O

345-250	Modified Auramine O (stain & decolorizer/quencher) 250ml bottle each/pkg
345-01L	Modified Auramine O (stain & decolorizer/quencher) 1 liter each/pkg
345-04L	Modified Auramine O (stain & decolorizer/quencher) 4x1 liter each/pkg

Can you stain Mycobacteria in 2 minutes?
Modified Auramine O Rapid Stain

Abstract of paper presented at ASM National Meeting, Orlando 2006
ASM 2006 POSTER C-324:

Evaluation of Four Commercially Available Auramine O Stain Sets

Slacks, M¹, Coppernoll, S², DeBoo, A¹, Schmidt, A.¹, Bartnicki, L¹, Schreckenberger, P¹, and Lipton, S², Loyola Medical Center, Maywood, IL;² Scientific Device Laboratory, Des Plaines, IL

Background: With a dramatic increase of incidence of Mycobacterial disease, it is more important than ever to find rapid methods for identification of the organism.

Conclusion: All stain sets tested gave equivalent results. The Rapid Modified Auramine O was less expensive and could be performed in 1/5 of the time required for conventional Auramine staining.

Abstract of paper presented at ASM National Meeting 2008

Also Seen in April 2009 Issue of Journal of Clinical Microbiology

Evaluation of a Rapid, Fluorescent Stain for the Detection of Mycobacteria in Clinical Specimens

The John Hopkins Medical Institutions, Baltimore, MD

Results: This study suggest that the MAO-stain (SDL's product) has several favorable characteristics for use in a clinical laboratory setting; it is rapid, provides equivalent AFB quantitation as compared with the RAO stain, but with less non-specific background fluorescence. As such, the MAO stain has the potential to be more cost effective and efficient in presenting presumptive evidence of mycobacteria in clinical specimens.

TB Splashproof Containers

Maximum safety in discarding contaminated liquid waste

These containers are made according to the CDC's recommendations to give maximum safety in discarding contaminated liquid waste. Entire polypropylene container and funnel assembly is autoclavable and reusable. Each set includes two containers and one tip-proof acrylic rack. Available in 500ml and 1000ml capacity.

TB SPLASHPROOF CONTAINERS

251	TB Splash-Proof Container Set 500ml includes 2 containers & 1 tip-proof rack 8.5" H x 3.5"D
251-999	Funnel & Stopper Set Replacement 500ml 4 funnels/pkg
252	TB Splash-Proof Container Set 1000ml includes 2 containers & 1 tip-proof rack, 11.5" H x 4"D
252-997	TB Splashproof Container No rack 2 bottles, 2 funnels-1000ml 2 each/pkg
252-999	Funnel & Stopper Set Replacement 1000ml 4 funnels/pkg



251

252

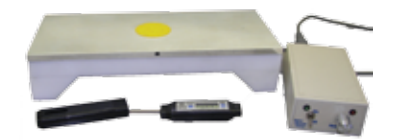
Slide Heater

Safely fix, dry and stain slides with this convenient heater

This low-profile slide heater is uniquely safe because it runs on a low 12 volts. Measuring 10" x 4" it is ideal to fix, dry or stain up to 20 slides. Thermostatically controlled, the temperature can be set from room temperature to 65°C. The hot surface is made of a resin powder coated aluminum. Safety sticker indicates when surface is hot.

SLIDE HEATERS

504-20	Slide Heater with Transformer with 1 thermometer size 4.5"x10", height 3/4", holds 20 slides, comes with a thermometer and heating unit
503	Digital Thermometer Replacement for slide heater



504-20

Standard Fecal Concentrators

Safe and affordable

These cost-effective disposable Fecal Concentrator Kits contain all the items needed for concentration of feces for ova and parasites. The Standard Fecal Concentrator Kit contains 50 each of standardized fine mesh filter funnels, 15ml polypropylene centrifuge tubes, tube caps and one 15ml bottle of Mucolytic Digesting Fluid.

STANDARD FECAL CONCENTRATORS

641	Fecal Concentrator Kit 50 sets/pkg
642	Fine Mesh Filter Funnels 250 funnels/pkg
643	Centrifuge Tubes with caps 250 tubes/pkg
644	Mucolytic Digesting Agent 15ml bottle
645	Fecal Concentrator Rack 6 place rack each



641

Closed System Fecal Concentrators

Safe and affordable

The closed concentration system allows for increased safety with a minimum of handling and odor. The 0.6mm holes in the filter allows the parasites to pass through, but block larger fecal material. Available in 15ml tubes or 50ml (holds 30ml) tubes. Each package includes a pre-assembled tube-strainer unit, Fecal Mucolytic reagent, dispensing spoons (for 15ml tubes), processing trays, and applicator sticks. Pictured with Scientific Device Laboratory's environmentally-safe, formalin-free fixative Parasafe.

CLOSED SYSTEM FECAL CONCENTRATORS

6052	Fecal Parasite Concentrators 15ml 100 concentrators/pkg
6056	Fecal Parasite Concentrators 50ml 120 concentrators/pkg



6052

Parasafe®

Safe, Fast, Economical and Effective

Parasafe® is a patented formalin-free fecal fixative which combines all the qualities of formalin and PVA into one tube without toxic effects. Parasafe is non-toxic, non-carcinogenic and has a long shelf life. This rapid fixative meets OSHA requirements for safety and disposal. Parasafe contains no formaldehyde or mercury. The patented Parasafe procedure cuts stool processing time to under one hour. Slide preparation dries rapidly. Improved rapid Trichrome stain procedure and the elimination of the iodine-alcohol step saves valuable time. Our patented* Slide Fixative assists in fixing parasites to slide for staining. Economical Parasafe is half the cost of the two vial system. Effective Parasafe allows for better patient compliance. Now you can have a stool fixative for wet mounts and for permanent stains in one tube. The concentrated stool specimen can be analyzed by wet mount and Trichrome stain at half the price of formalin and PVA. Results give optimum definition of ova and fine protozoan nuclear detail. No shrinkage.

* Patents #5,504,012; #5,453,381; #5,607,870.

PARASAFE®

6030	Parasafe 24 vials/pkg+7.5ml slide fixative
6031	Parasafe & Clean Vial Set 12 sets/pkg
6040-100	Mini Parasafe Fixative 100 vials/pkg
6032	Slide FIXATIVE 6.5ml bottle/pkg
6038	Clean Vials 24 vials/pkg
6037	Parasafe & Carey Blair Set 12 sets/pkg
6036	Carey Blair Vials ONLY 24 vials/pkg
6051	Tubes and Caps ONLY 25 tubes/pkg



6030

6040-100

6030

Clean Vials are available for transport of stool specimens meant for culture. Parasafe & Clean Vial Set with sealable transport bag includes: 1 vial of Parasafe, 1 Clean Vial and a sealable transport bag (with protective pouch for specimen paperwork). Also available is Cary-Blair and Clean Vials.

See more Parasitology products at scientificdevice.com

Paraclear

No disposal headaches...no odor of D-limonene

Paraclear is a xylene-free clearing agent which avoids all the problems of using and disposing of xylene. Unlike xylene or citrus limonene, it has no overpowering odor. Use without any of the health concerns of xylene with excellent clinical results. Fast evaporating Paraclear gives consistent results with excellent clarity using Trichrome procedures. Paraclear effectively deparaffinizes and eliminates residual chemicals. Paraclear is convenient, less expensive to use, is completely soluble in alcohol and has no effect on most laboratory plastics. It is also less flammable than xylene. Costly redistillation becomes unnecessary. NO extra hazard shipping costs are associated with this product.

Parawash

Non-toxic alternative for ethyl acetate & Hemo-De

Parawash has been shown to be an effective and safe substitute wash fluid for ethyl acetate in the fecal analysis of ova and parasites when formalin is used as a preservative. Results show that nontoxic Parawash gives two to three times higher recovery rate than other washes with no odor and is less flammable. NOT for use with Parasafe.

¹ Matthews et. al., ASM Ses 43:48, 1996.

Parasitology Images CD-Rom

Great for teaching

Beautiful images of all the major parasites that can be used for web-sites, teaching or any other type of presentations. Simply insert the images into any Powerpoint presentation. All images in .jpg format. Not intended for printing purposes.

Humidity/Slide Moisture Chamber

Convenient and affordable

These moisture chambers are ideal for not only immunostaining but diagnostic reactions performed on slides. Each unit is divided into ten (10) compartments with a lid barrier between each slide. Chamber is fabricated out of heavy-duty polystyrene and is air tight to keep moisture in. Boxes are stackable. Comes in black or clear.

Pinworm Collectors

Paddle viewed directly on microscope stage

The clearer and thinner plastic paddle on this Pinworm Collector makes it easier to see ova. The lid of the vial contains a paddle with one sticky side for pinworm collection. Less artifacts are observed. The paddle can be viewed directly on the microscope stage by snapping off the top. Instructions included. Packaged 25 vials per box.

PARACLEAR

615-1	Paraclear 1 gallon/pkg
615-4	Paraclear 1 gallon x 4/pkg
615-5	Paraclear 5 gallon/pkg



615-5

More Histology products are available at scientificdevice.com

PARAWASH

6121	Parawash 250ml bottle x 6/pkg
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6121

PARASITOLGOY IMAGES CD-ROM

7134	Parasitology SET A CD-ROM
7135	Parasitology SET B CD-ROM
7136	Parasitology SET C CD-ROM
7137	Parasitology SET A+B+C CD-ROM 1 disk each of 3 types/pkg



7137

197-BL



197-CR

HUMIDITY/SLIDE MOISTURE CHAMBER

197-BL	Slide Moisture Chamber (Black)
197-CR	Slide Moisture Chamber (clear)



PINWORM COLLECTORS

582	Pinworm Collector 25 vials/pkg
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582

Explosion Proof Stool Containers Convenient and safe collection container

These easy-to-use stool containers will allow gases from stool specimens to escape slowly, avoiding explosion. The screw-on top lets you open the container slowly and safely. The leakproof container has a wide 3.5" mouth and has a capacity of 250ml. The container is made of non-cracking, white polypropylene. Packaged in 100 containers per box.

EXPLOSION PROOF STOOL CONTAINERS	
581	Explosion-Proof Stool Containers 100 containers/pkg

**SureMount and Flormount
environmentally safe
mounting mediums available at
scientificdevice.com**



581

PVA/SAF

PVA-This low viscosity plastic resin serves as a fixative and adhesive for stool parasitology samples. In addition to poly vinyl alcohol it contains Schaudin's fluid. It is recommended for preserving both cysts and trophozoites of protozoa. Excellent permanent stained preparation can then be made using this solution. Product has a long shelf life.

SAF is an inexpensive fixative for the analysis of ova and parasites. SAF has the advantage of a long shelf life. It can be used for concentration of feces and making permanent smears using either Iron Hematoxylin or Trichrome Stains. Available in packages of 24 tubes with a 15ml fill. These tubes come with spoons for easily sampling specimen.

PVA/SAF	
735	PVA Solution 500ml bottle/pkg
736	PVA Solution 500ml bottle x 6/pkg
6060	SAF Vials 24 vials/pkg



6060

DeToX

Environmentally safe formalin neutralizer

Dispose of formalin without safety concerns, special storage or handling charges. Once specimen is ready for disposal, pour the DeToX into a container, shake, and within minutes the formalin is fully neutralized and can be disposed of safely. Packaged in a 10lb. container (Cat. No. 617), enough to neutralize approximately 31 liters of formalin. Test reagent is included with each order to assure complete neutralization. Additional confirmatory tests available (Cat. No. 617-99), about 8 tests per vial.

DETOX	
617	DeToX Neutralizer 10lb container/pkg
617-99	Detox Neutralizer Confirmatory Test 1 vial/pkg



617

Snap-it Iodine

Hard to find, now available

Iodine Snap-it capsules are used to aide in the precipitation and elimination of mercuric salts in smears containing Mercury PVA. Each capsule contains a solution of Povidine Iodine. Not intended for use in wet mounts. Comes in packages of 20 capsules.

SNAP-IT IODINE	
792	Snap-it Iodine 20 capsules/box



792

NOTOXhisto

NOTOXhisto is a fixative that is non-carcinogenic, non-noxious, non-corrosive, has no heavy metals nor chloride ions. This affordable, state-of-the-art fixative allows you to perform all the tasks you previously performed with formalin, without the risk and the high cost of disposal. Unlike formaldehyde, antigenic sites and DNA are unaltered. All sizes of specimens ranging from small sections to whole organs can be fixed in NOTOXhisto. Due to a unique blend of protein modifiers and stabilizers, NOTOXhisto has the ability to both fix and preserve tissue. In addition, NOTOXhisto performs extremely well with immunohistochemical staining. You will get superior results with in-situ hybridization and PCR techniques. There is no pre-mixing or dilution, NOTOXhisto is ready-to-use. Use NOTOXhisto as you would formalin, without change in processing or staining protocols. You will find NOTOXhisto easier to work with than strictly regulated, toxic formaldehyde. No disposal fees make this product even more cost-efficient.

**See more Histology
products at
scientificdevice.com**

Microwave Drying Rack Xylene-Resistant

This Microwave Drying Rack is ideal for drying slides quickly. It can then be placed in xylene without fear of melting or cracking. The small rack holds up to 30 slides while the larger rack holds up to 70 slides.

Biopsy Sponges Mount specimens easier

These handy biopsy pads make mounting specimens easier. Fits into most cassettes. Pads measure 1" x 1.25". Made of 1/8" foam sponge material. Packaged in bags of 1000.

Snap n' Stain for Iron Staining safe and effective technique for staining iron in biological samples

This inexpensive procedure utilizes the Gomori Iron reaction method. It avoids the time and preparation of caustic, poisonous materials. Each dropper contains two glass ampoules filled with reagent. When broken and mixed, they are ready to stain up to four slides at a time. Each package contains 12 dropping units and Nuclear Fast Red counterstain. The sturdy plastic box can be used as a humidity incubator for the slides. Scientific Device Laboratory also carries Iron Control Slides (p 8) in boxes of 10 or 50 slides.

NOTOXHISTO	
614-01	NOTOXhisto 1 gallon/pkg
614-05	NOTOXhisto 5 gallon/pkg
614-15	NOTOXhisto - 7.5ml fill, 15ml Container 50 vials/pkg
614-30	NOTOXhisto - 15ml fill, 30ml Container 50 vials/pkg
614-60	NOTOXhisto - 30ml fill, 60ml Container 50 vials/pkg
614-90	NOTOXhisto - 45ml fill, 90ml Container 50 vials/pkg



614-01

**There is no
pre-mixing or
dilution,
NOTOXhisto is
ready-to-use.**



MICROWAVE DRYING RACK	
9803	Microwave Drying Rack-Small
9808	Microwave Drying Rack - Large



9808

9803

BIOPSY SPONGES	
9801	Biopsy Sponges 1,000 sponges/pkg



9801

SNAP N' STAIN FOR IRON STAINING	
660	Snap n' Stain Iron Set 12 droppers+.5oz Nuclear Fast
660-9	Nuclear Fast Red Counterstain ONLY 0.5 oz bottle/pkg
661	Snap n' Stain Iron 50 droppers/pkg
662	Nuclear Fast Red Counterstain 250ml bottle/pkg
431	Iron Stain Control Slides 10 slides/pkg
433	Iron Stain Control Slides 50 slides/pkg



660

Protozoa Suspensions

Excellent controls

These formalin fixed suspensions of the more commonly seen protozoa make an excellent control for every laboratory. Each 2ml formalin vial contains many representative organisms. These items have limited availability.



PROTOZOA SUSPENSIONS

450	<i>E. histolytica</i> Suspension	2cc/pkg
451	<i>E. hartmanni</i> Suspension	2cc/pkg
452	<i>E. coli</i> Suspension	2cc/pkg
453	<i>E. nana</i> Suspension	2cc/pkg
454	<i>D. fragilis</i> Suspension	2cc/pkg

STAINED TISSUE AND BLOOD PARASITES

448	Pot Luck Parasitology Specimen Vial	20 vial/pkg
469	<i>Diriofilaria immitis</i> Slide	5 slides/pkg
485	<i>Toxoplasma gondii</i> (blood, Giemsa) slide	5 slides/pkg
493	<i>Plasmodium falciparum</i> -Blood slide	5 slides/pkg
496	<i>Loa-loa</i> Slide	5 slides/pkg
497	<i>Brugia malayi</i> Giemsa slide	5 slides/pkg
550	<i>Trichinella spiralis</i> -Muscle Slide	5 slides/pkg
552	<i>Leishmania donovani</i> Slides	5 slides/pkg
553	<i>Shistosoma mansoni</i> Slide	5 slides/pkg
563	<i>Echinococcus hydatid</i> Sand Slides	5 slides/pkg
4930	<i>P. falciparum</i> (Thick Drop) Slides	5 slides/pkg

POT LUCK PARASITOLOGY SPECIMENS

448	Pot Luck Parasitology Specimen Vial	20 vial/pkg
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MYCOLOGY IMAGES CD-ROM

6790	Mycology CD-Rom	
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PROTOZOA SUSPENSIONS (CONT.)

455	<i>Giardia lamblia</i> Suspension	2cc/pkg
458	<i>Blastocystis hominis</i> Suspension	2cc/pkg
460	<i>Iodamoeba sps.</i> Suspension	2cc/pkg
483	<i>Cryptosporidium sps.</i> Suspension	2cc/pkg
490	Mixed Protozoa Suspension	2cc/pkg

STAINED TISSUE AND BLOOD PARASITES (CONT.)

4936	<i>Babesia sps.</i> Slides	5 slides/pkg
4939	<i>Anaplasma</i> Slides	5 slides/pkg
8905	<i>Mycobacterium tuberculosis</i> Slides	5 slides/pkg
8967	<i>Toxoplasma gondii</i> (in brain, H&E) Slides	5 slides/pkg
8969	<i>Acanthamoeba castellanii</i> Slide	5 slides/pkg
562	<i>Trypanosoma cruzii</i> - Heart Slides	5 slides/pkg
552-4	<i>Leishmania</i> (blood or ascites)	5 slides/pkg
552-2	<i>Leishmania tropica letomonads</i> (ascites)	5 slides/pkg
8970	<i>Naegleria fowleri</i> Slide	5 slides/pkg
487	<i>Trypanosoma lewisi</i> (Giemsa) Slides	5 slides/pkg
495-3	<i>Trypanosoma cruzi</i> (ascites fluid)Slide	5 slides/pkg

Parasitology and Mycology Teaching CD-Roms are available at scientificdevice.com



6790

Protozoa Stained Slides

Great for reference and teaching

Every laboratory should have a collection of these fine quality slides for reference and teaching purposes. These PVA prepared smears are stained with Trichrome stain. Pick and choose multiples of the same slide or one of each of ten different slides, with a minimum order of any ten (10) slides. These items have limited availability. Note: Any slides that specify cysts and trophs may, or may not, contain both cysts and trophs, may have one or the other.

Helminth Ova & Larvae

Excellent for teaching and for control material

These preparations of ova and larvae are excellent for teaching and for control material. Each vial contains 2ml of a formalin fixed suspension of feces containing many ova or larvae. These items have limited availability.

Scientific Device Laboratory is always looking for new material. If you have access to any specimens, you can trade them for product or cash. Contact us at info@scientificdevice.com

Cyclospora Stained Slide

Great teaching slides

These stained slides are ideal for teaching. Please note, this slide is not meant as a control slide. Scientific Device Laboratory does not currently have a control slide for *Cyclospora sps.*

Protozoa Smears

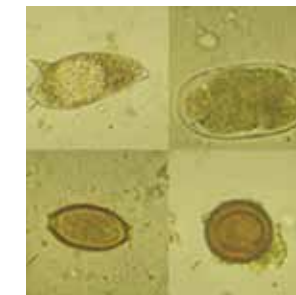
Excellent controls

These PVA unstained slides of the more commonly seen protozoa make an excellent control for every laboratory. These PVA slides have many characteristic protozoa. These items have limited availability.

PROTOZOA STAINED SLIDES

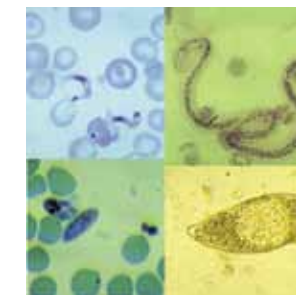
Pick and choose a minimum of any 10 slides per package.

4907	<i>Entamoeba hartmanni</i>	each slide
4909	<i>Entamoeba coli</i>	each slide
4912	<i>Endolimax nana</i>	each slide
4916	<i>Dientamoeba fragilis</i>	each slide
4918	<i>Giardia lamblia</i>	each slide
4923	<i>Chilomastix mesnili</i>	each slide
4927	<i>Trichomonas vaginalis</i>	each slide
4931	<i>Iodamoeba sps.</i>	each slide
4945	<i>Cryptosporidium sps.</i>	each slide
4948	<i>Isospora belli</i>	each slide
4953	<i>Microsporidium</i>	each slide



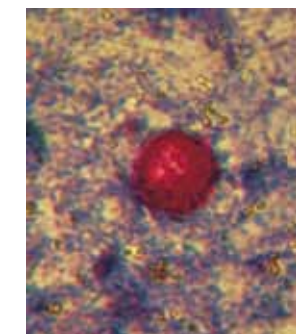
HELMINTH OVA & LARVAE

512	<i>Strongyloides larvae</i> Suspension	2cc/pkg
515	<i>Necator americanus</i> Suspension	2cc/pkg
517	<i>Taenia sps</i> Suspension	2cc/pkg
518	<i>Hymenolopis nana</i> Suspension	2cc/pkg
520	<i>Shistosoma japonicum</i> Suspension	2cc/pkg
521	<i>Toxocara sps.</i> Suspension	2cc/pkg
522	<i>Ascaris lumbricoides</i> Suspension	2cc/pkg
524	<i>S. haematobium</i> Suspension	2cc/pkg
526	<i>Fasciola hepatica</i> Suspension	2cc/pkg
583	<i>Alaria</i> Suspension	2cc/pkg
514	<i>Clonorchis sinensis</i>	2cc/pkg



CYCLOSPORA STAINED SLIDE

4949	Cyclospora Stained Slide	5 slides/pkg
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4949

PROTOZOA SMEARS

461	<i>Iodamoeba sps.</i> -PVA Unstained Slide	5 slide/pkg
470	<i>Entamoeba histolytica</i> -PVA Unstained Slide	5 slide/pkg
471	<i>Entamoeba hartmanni</i> -PVA Unstained Slide	5 slide/pkg
472	<i>Entamoeba coli</i> -PVA Unstained Slide	5 slide/pkg
473	<i>Entamoeba nana</i> -PVA Unstained Slide	5 slide/pkg
474	<i>Dientamoeba fragilis</i> -PVA Unstained Slide	5 slide/pkg
475	<i>Giardia lamblia</i> -PVA Unstained Slide	5 slide/pkg
476	<i>Chilomastix mesnili</i> PVA Unstained Slide	5 slide/pkg



QC Boards

The neatest way to keep quality control records

These Quality Control Boards are designed to record and view laboratory data in a neat and compliant manner. They easily lift off and reattach by use of magnets. Extra adhesive magnets are included in Cat. No. 101 for non-steel surfaces. QC data (your format or Scientific Device Laboratory's 1 year template) is protected by a clear mylar cover so it remains pristine. Backing is made of sturdy acrylic measuring 8.5" x 11". Packaged in lots of six. Not recommended for non-steel doors that are forcibly closed.

QC BOARDS

100	QC Board for Steel Surfaces 6 boards/pkg
101	QC Board for Non-Steel Surfaces 6 boards/pkg



100 101

Bench-Top Helpers

Teflon Bench Laminate

Protects your work surfaces from stains, corrosive acids and other chemicals

These products protect your work surfaces from stains, corrosive acids and other chemicals. With the wipe of a cloth you have a clean bench top. Items up to 200°F can be placed on the Teflon Laminate (Cat. No. 220) with no surface damage. The unique protective cover is a thin film of Teflon FEP backed with peel-off sticky vinyl. Easy to apply by cutting to the desired shape and pressing into place. Available 15' by 25".

TEFLON BENCH LAMINATE

220	Super hydrophobic Laminate 5 yards x 25"
9810	LabMat Material 50 FT X 20"



220 1814

Petri Dish Desk Holders

Easy to use rack

Each section of the Petri Dish Desk Holder (Cat. No. 1814 & 181) and the Revolving Petri Dish Holder (Cat. No.184) holds 13 Petri dishes. Revolving model rotates 360°. Ideal for separation of cultures from different sources. These racks store conveniently in the corner of an incubator. Made of durable and easy to care for acrylic.

PETRI DISH DESK HOLDERS

1814	Petri Dish Desk Holder 4 place
181	Petri Dish Desk Holder 7 place
184	Petri Dish Storage Turntable
183	Rodac Dish Holder



184

Slide Dryer, Loop Rest & Loop Support

The innovative Slide Dryer allows 1, 2 or 3 slides to dry quickly (Cat. No. 500, 501 & 502). The Loop Rest helps in protecting the handle of loops from overheating and melting (Cat. No. 710). The Loop Support avoids burning your desk (Cat. No. 700).

SLIDE DRYER

501	Slide Dryer 2 Place
502	Slide Dryer 3 Place

LOOP REST

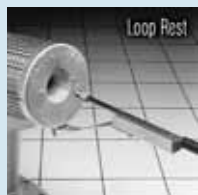
710	Loop Rest
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LOOP SUPPORT

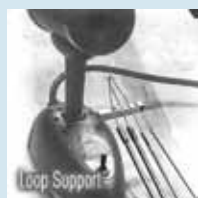
700	Loop Support
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501



710



700

ID Discs & Tablets

Easy and convenient

These Rapid ID Discs and tablets are easy-to-use and give easy-to-read results. Reaction times are less than 30 minutes. Weetabs are small tablets in a 10 x 75 mm tube that react with 0.5 ml of water and innoculum.



ID DISCS & TABLETS

398-0485	Nitrate ID Disk 50 disks/pkg
398-0520	Oxidase ID Disk 50 disks/pkg
398-0915	Gram Reaction ID Disk 30 disks/pkg
398-1045	Glycosidases Weetab Alkaline phosphatase 28 disks/pkg
398-1270	Glycosidases Weetab Alpha-glucosidase 28 disks/pkg
398-1275	Glycosidases Weetab Beta glucosidase 28 disks/pkg
398-1378	LAP ID Disk 50 disks/pkg
398-1490	Glycosidases Weetab Beta galactosidase 28 disks/pkg
398-1532	PRO ID Disk 50 disks/pkg

ID DISCS & TABLETS (CONT.)

398-1532	PRO ID Disk 50 disks/pkg
398-1537	PYZ Weetab 28 disks/pkg
398-1538	PYR ID Disk 50 disks/pkg
398-1650	Urease 28 disks/pkg
398-1651	Urea/Indole Weetab 28 disks/pkg
398-9131	Butyrate ID Disk 50 disks/pkg
398-9142	Candida Screen ID Disk 25 disks/pkg
398-9145	ALN ID disk 50 disks/pkg

Cryocare Bead Storage System

Ideal for long-term storage

Cryocare Bead Storage System beads are perfect for better long-term storage of bacteria, fungi, yeasts, QC cultures or culture collections. The bead system can even store fastidious or delicate organisms such as *Campylobacter*, *Neisseria*, *Haemophilus*, and Gram negative anaerobes. Simply inoculate the beads, shake, draw off liquid with sterile pipette, then freeze. Viability at -70°C can be up to 10 years, one to three years at -10°C to -15°C. When needed, simply remove a bead and rub on agar plate or drop into broth media to grow. Color code organisms by purchasing various colors.

CRYCOCARE BEAD STORAGE SYSTEM

110-06	CryoCare Beads - mixed color 50 vials/pkg, 20-25 beads per vial
110-01	CryoCare Beads - red color 50 vials/pkg, 20-25 beads per vial
110-02	CryoCare Beads- blue color 50 vials/pkg, 20-25 beads per vial
110-03	CryoCare Beads-yellow color 50 vials/pkg, 20-25 beads per vial
110-04	CryoCare Beads-green color 50 vials/pkg, 20-25 beads per vial
110-05	CryoCare Beads-white color 50 vials/pkg, 20-25 beads per vial

For more Bench Aids - visit scientificdevice.com



110-06

Slide Labels

Perfectly sized for microscope slides

Depending on your printer, choose from white laser printer labels or white/colored pin-feed labels. Compatible with SDL's LAB-el Program. Call for FREE Microsoft® Word template for use with Laser Slide Labels (Cat. No. 018-06).

SLIDE LABELS

018-06	Laser Labels White 6,000 labels/pkg
013	Slide Labels - White 10,000 labels/pkg labels 6 across with pinfeed on edges
005-10	Slide Labels- Color 10,000 labels/pkg green, yellow, salmon, pink or blue



018-06

Aqua-Hold Pap Pen

The Aqua-Hold Pap Pen draws a liquid repellent barrier around a section of tissue. Used like a paint pen, you just draw a well on a slide. The barrier creates the proper surface tension to hold aqueous solutions such as costly antibody and other valuable specimens. After application, the barrier material is insoluble in alcohol and acetone but can be removed after staining with xylene or Scientific Device Laboratory's environmentally-safe Paraclear. Each pen holds 13ml of long-lasting material, making hundreds of wells.

Draw a liquid repellent barrier on a slide to prevent wasted chemicals



9804

AQUA-HOLD PAP PEN

9804	Aqua-Hold Pap Pen
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StainQuick Trichrome

Complete staining in 2 minutes

This rapid staining procedure gives excellent results and takes as little as 2 minutes to perform with non-mercury PVA smears and less with other fixatives. StainQuick maintains a constant temperature of the stain. The heated stain penetrates organisms in less than a minute. Characteristic morphology of the protozoa is readily seen. The six 60ml coplin jars and durable rack are made of microwavable polyethylene. The system runs on 7.5 volts and components are SA and UL approved. Kit includes StainQuick Trichrome Stain, rack, jars, heater & decolorizer.

STAINQUICK TRICHROME

795	StainQuick Stain System Trichrome Includes rack, jars, heater, and 250ml of specialized stain and decolorizer
796	StainQuick Stain System Trichrome Stain & Decolorizer 250ml bottle each/pkg
796-1	StainQuick Stain System Trichrome Stain & Decolorizer 1 gallon bottle each/pkg
792	Snap-it Iodine 20 capsules/box



795

StainQuick Microsporidia

Complete staining in 1 minute

Stain *Microsporidia* *sps.* faster and more efficiently.¹ StainQuick maintains a constant temperature in the stain. The heated stain penetrates organisms more efficiently and in less than a minute.² The decolorizer/counterstain stains all background organisms for greater specificity. Durable 60ml coplin jars and rack are made of microwavable polyethylene. The system runs on 7.5 volts and components are SA and UL approved. For staining of Microsporidia use our Modified Trichrome Stain Kit² (Cat. No. 7843) which includes one bottle each of stain and decolorizer/counterstain (250ml each).

STAINQUICK MICROSPORIDIA

1951	StainQuick Stain System Microsporidia
7842	Modified Trichrome Decolorizer/Counterstain for Microsporidia 250ml bottle/pkg
7843	Modified Trichrome Stain Kit for Microsporidia 250ml bottle/pkg



1951

Trichrome Stain

Conveniently packaged

Trichrome Stain is a valuable asset in staining fecal smears for Protozoa. This stain is affordable and convenient. Packaged in 250ml easy-to-handle bottles. Not for use with Scientific Device Laboratory's StainQuick System.

TRICHROME STAIN

782	Trichrome Stain 250ml bottle/pkg
783	Trichrome Stain 250ml bottle x 6/pkg



782

Modified Trichrome Stain

Affordable staining for Microsporidia

This stain is an affordable method for staining Microsporidia. This set can be used in conventional staining procedures or with Scientific Device Laboratory's StainQuick Microsporidia. Packaged in 250ml easy-to-handle bottles. Available in convenient sets or individually.

MODIFIED TRICHROME STAIN

7843	Modified Trichrome Stain Kit for Microsporidia (Stain + Decolorizer/Counterstain) 250ml bottle of each/pkg
7841	Modified Trichrome Stain for Microsporidia Stain Only 250ml bottle/pkg
7842-M	Modified Trichrome Decolorizer/Counterstain for Microsporidia 250ml bottle/pkg

AFB STAIN/KINYOUN STAIN

353	AFB Stain/Kinyoun Stain Set 250ml bottle each/pkg
353-A	AFB Kinyoun Stain 250ml bottle x 3 of each/pkg
353-B	AFB Kinyoun Decolorizer 3 bottles/pkg
353-C	AFB Kinyoun Counterstain 3 bottles/pkg

AFB Stain/Kinyoun Stain

Affordable staining for AFB

These stains are affordable and convenient. Packaged in a set with 250ml each of stain, decolorizer and counterstain.

See information on Modified Auramine O on page 13

Can you stain Mycobacteria in 2 minutes? Modified Auramine O Rapid Stain

Mini-Staining Station ...

It's Microwavable

So convenient and save money on reagents

Ideal for staining small numbers of slides in the lab or in the field. Each container slips out of rack and can hold up to 10 slides. You can use as little as 10ml of reagent in each container to save money. Containers can be used for transport. Containers are also microwave-safe and are resistant to xylene. Microwavable rack is made of high density polyethylene which is resistant to most chemicals.

MINI-STAINING STATION

9713	Staining Rack & 10 Containers
9714	Staining Containers 6 containers/pkg



9713

See more Histology products on page 17 and also visit scientificdevice.com

Cryptosporidium Kinyoun Stain

All you need for successful staining

Packaged in a set with either 60ml or 250ml each of stain, decolorizer and counterstain.

CRYPTOSPORIDIUM KINYOUN STAIN 60ML BOTTLE

373	Cryptosporidium Kinyoun Stain Set stain 60ml bottle x 1 each of 3/pkg
373-A	Cryptosporidium Kinyoun Stain stain 60ml bottle/pkg
373-B	Cryptosporidium Kinyoun Decolorizer stain 60ml bottle/pkg
373-C	Cryptosporidium Kinyoun Counterstain stain 60ml bottle/pkg

CRYPTOSPORIDIUM KINYOUN STAIN 250ML BOTTLE (CONT.)

379	Crypto Kinyoun Large Stain Set stain 250ml bottle x 3/pkg
379-3	Staining Rack for 250ml Bottle
379-B	Crypto Kinyoun Decolorizer stain 250ml x 6 bottles/pkg

Acrifluor

Rapid staining of acid fast organisms

This fluorescent technique for documentation of Acid Fast organisms in tissue and smears is both rapid and specific. Acrifluor stains all acid fast organisms so that you can find them easily. Whether you have Cryptosporidia & Isospora in stool, or Nocardia or Mycobacteria in sputum, the organisms simply light up on the slide. A single organism is easy to find. This non-antibody technique is extremely cost effective. The procedure takes less than twenty minutes to perform. One kit will enable you to do hundreds of assays. The kit comes with one 125ml bottle of Acrifluor and one 125ml bottle of Decolorizer. Scientific Device Laboratory's printed TB slides (p 5) make a valuable addition to the stain.

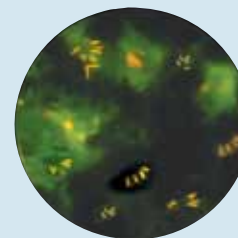
ACRIFLUOR

384	Acri-Fluor Stain Kit-Stain & Decolorizer/Quencher 125ml bottle x 2/pkg
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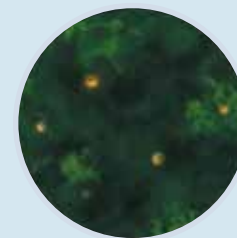
One kit will enable you to do hundreds of assays!



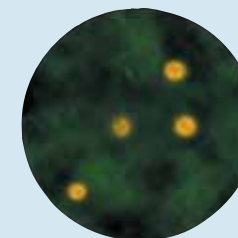
Nocardia



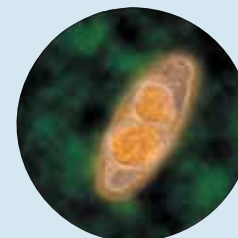
Mycobacteria



Cryptosporidium



Cyclospora



Isospora

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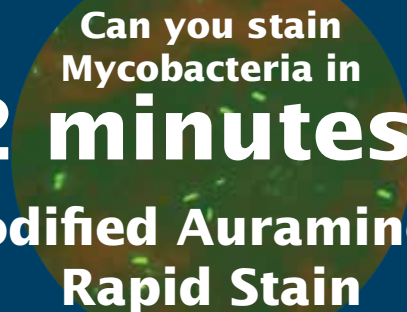


Modified Auramine O

2 minute acid fast stain saves time and money

This rapid and economical two step staining technique for acid fast organisms saves time and money and takes only 2 minutes. Easier to perform than traditional methods since the permanganate step is omitted. A new counterstain quenches fluorescence of all non-acid fast organisms and debris. Gives a cleaner field of view. It is just as sensitive as other Auramine Stains. The set comes in two 250ml bottles or economical liter size.

Read more on page 13, including excerpts from two published papers...



Can you stain
Mycobacteria in
2 minutes?
Modified Auramine O
Rapid Stain

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